NOAA
R 335
OSCAR ELTON SETTE

GENERAL NOTES

1. THIS DRAWING WAS DEVELOPED AND CONVERTED TO AUTOCAD FORMAT FROM REFERENCE 1 AND INCORPORATES PERTINENT MODIFICATIONS FROM REFERENCES 2 THRU 27 AND UNDOCUMENTED CHANGES NOTED DURING 1/15/10 SHIPCHECK.
2. ABBREVIATIONS USED ON THIS DRAWING ARE IN ACCORDANCE WITH ASME Y14.38.

BOOKLET INDEX

SHEET NO	TITLE
1	BOOKLET INDEX, GENERAL NOTES, REVISION BLOCK, REFERENCES
2	GENERAL INFORMATION & DATA
3	COMPARTMENT DIRECTORY
4	OUTBOARD PROFILE
5	INBOARD PROFILE
6	PILOT HOUSE TOP, BRIDGE DECK
7	UPPER DECK
8	FORECASTLE DECK
9	MAIN DECK, MISSION PLATFORM
10	LOWER PLATFORM DECK
11	HOLD PLAN
12	INNER BOTTOM
13	MIDSHIP SECTION

REVISIONS

REV	SHT	ZONE	ITEM	DESCRIPTION	DATE	APPD

REFERENCES

NO	TITLE	DRAWING NO
1	BOOKLET OF GENERAL PLANS FOR T-AGOS 13 (OBSOLETE)	13-801-6233635
2	MISSION DK INSTL MISSION DK STRL MODS	AD-140-001
3	MISSION DK INSTL FORECASTLE DECK STRL MODS FR 72-AFT	AD-140-002
4	HPU RM & STRM STRL MOD ARR & DET	AD-140-003
5	MISSION SPACE INSTL STRUCTURAL MODS	ADV-122-001
6	MESSROOM ARR & DETS	ADV-600-001
7	WET LAB ARR & DETS	AD-665-003
8	DRY LAB ARR & DETS	AD-665-004
9	HYDRO/CHEM LAB ARR & DETS	AD-665-005
10	COMPUTER LAB ARR & DETS	AD-665-006
11	ELECTRONIC SHOP ARR & DETS	AD-665-007
12	CONFERENCE/SPARE BERTHING ARR & DETS	AD-665-008
13	BERTHING SPACES ARR & DETS	AD-665-009
14	CONTROL STATION ARR & DETS	AD-665-010
15	WT BHD 34, 52 & 60 STRL MODS & SLIDING WT DOORS	AD-110-001
16	MISSION DK INSTL STRL MODS MAIN DK	AD-131-001
	CONT ZONE 3-A	

CONT FROM 2-B

REFERENCES

NO	TITLE	DRAWING NO
17	LONG LINE STATION STRL MODS	AD-131-002
18	MISSION DK INSTL BULWARK MODS	ADV-111-001
19	DECK MACHINERY MIRANDA DAVITS & MISC CRADLES A & D	AD-623-001
20	DECK MACHINERY FOUNDATION MODS	AD-181-001
21	A-FRAME STRL ARR & DETS	AD-574-001
22	DECK MACHINERY J-FRAME ARR & DETS	AD-574-002
23	MISCELLANEOUS OUTFITTING MODS	AD-611-001
24	MSD DISCH HOLDING TANK INSTL STRUCTURAL & FDN MODS	AD-123-001
25	STBD TRANSDUCER FAIRING	OS-461-1
26	RDF MAST ARR & DETS	13-170-6233640
27	JACK, ENSIGN STAFF & STUB MAST	13-611-6233614

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OFFICE OF MARINE AND AVIATION OPERATIONS

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CONTRACT NO. AB133M-05-CQ-1044
TAR NO. AAA-049(09)

DSGN	JAW	1/25/10
DWN	CRF/RBM	1/25/10
CHK	GGJ	1/28/10
CHK	JEC	1/29/10

NOAA APPROVAL

NOAA SHIP *OSCAR ELTON SETTE*

BOOKLET
OF
GENERAL PLANS

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–

SCALE: NONE | CAD FILENAME OS-830-002_1.dwg | SHT 1 OF 13

GENERAL INFORMATION

LENGTH BETWEEN PERPENDICULARS	194'–0"
LENGTH OVERALL	224'–0"
BREADTH MOLDED	43'–0"
EXTREME BREADTH	43'–0 3/4"
DEPTH MAIN DECK AT SIDE	20'–0"
DRAFT, DESIGN	15'–1"
DRAFT, FULL LOAD	14'–11"
SUSTAINED SEA SPEED	10.5 KNOTS
ABS EQUIPMENT NUMERAL	U–14

HEIGHTS ABOVE BASELINE

TOP OF MAIN MAST ANTENNA PLATF	64'–6"
TOP OF MAIN MAST LOWER PLATF	57'–10"
TOP OF JACK STAFF	62'–5 1/2"
FWD ANCHOR LIGHT	62'–5 1/2"
AFT ANCHOR LIGHT	38'–0"
FWD MASTHEAD LIGHT	60'–5 1/2"
AFT MASTHEAD LIGHT	73'–6"
TRAWL LIGHT (UPPER)	66'–0"
TRAWL LIGHT (LOWER)	60'–0"
FWD TOWING LIGHT (UPPER)	53'–9"
FWD TOWING LIGHT (LOWER)	47'–0 1/2"
AFT TOWING LIGHT	52'–2"
SIDELIGHTS (P/S)	48'–7"
AIRCRAFT WARNING LIGHTS (P/S)	74'–8"
TASK LIGHTS (UPPER) (P/S)	71'–2"
TASK LIGHTS (MIDDLE) (P/S)	64'–7"
TASK LIGHTS (LWR PLATF) (P/S)	58'–0"
SEARCHLIGHTS (P/S) TOP OF PILOT HOUSE	56'–9"

REPLENISHMENT STATIONS

FUEL OIL	MAIN DECK FR 72 (S) FR 70 (P)
FRESH WATER	MAIN DECK FR 72 (P/S)
LUBE OIL	MAIN DECK FR 72 (S) FR 66 (P)
SEWAGE CONNECTION	MAIN DECK FR 64 (S)

ACCOMMODATIONS

PERSONNEL	
OFFICERS / CREW	21
SCIENTIST	12

SMALL BOATS

QTY	NAME	PERSONNEL EACH	PERSONNEL TOTAL
1	WORK BOAT (SAFE BOAT)	TBD	TBD
1	WORK BOAT (ACHILLES)	11	11
1	RESCUE BOAT	7	7
6	LIFERAFT, INFLATABLE	25	150

WEIGHT DISPLACEMENT

DISPLACEMENT	WEIGHT
DEADWEIGHT	757.2 LT
FULL LOAD	2,299.1 LT
LIGHT SHIP	1,541.9 LT

STEERING GEAR

SPERRY DUAL STEERING CONTROL SYSTEM

DECK MACHINERY

QTY	NAME	CAPACITY
1	A–FRAME	10,000 LB
2	J–FRAME	3,500 LB
1	ALASKA MARINE MCK–1846 CRANE	SWL @46 FT – 6,600 LB
1	ALASKA MARINE MCK–1250 CRANE	SWL @50 FT – 2,100 LB
1	ANCHOR WINDLASS/CAPSTANS	10,000 LB
2	MARCO MDL WT202 TRAWL WINCH	–
1	GILSON WINCH	–
1	MARKEY DESH–5 WINCH	–
1	MARKEY DESH–3 WINCH	–

TRAWLING EQUIPMENT

EQUIPMENT	SAFE WORKING LOAD
TRAWL BLOCK TOWERS	15,000 LB

TANK CAPACITY

TANK	TOTAL GAL
ANTI ROLL (100%)	21,819
ANTI ROLL DUMP TANK (100%)	9,550
FUEL OIL (95%)	162,341
HYDRAULIC FLUID (95%)	2,000
LUBE OIL (95%)	1,756
LUBE OIL SETTLING (95%)	238
OILY WASTE (95%)	3,036
POTABLE WATER (100%)	4,934
PURIFIER SLUDGE (95%)	85
SEWAGE HOLDING (100%)	4,801
SW BALLAST (100%)	134,632
WASTE WATER TANK (100%)	318

PROVISIONS CAPACITY

NAME	CAPACITY
BOATSWAIN'S STOREROOM	1,550 CU FT
CHILL ROOM	840 CU FT
DRY PROVISIONS STOREROOM	1,500 CU FT
ENGINEERS STOREROOM NO. 1	1,060 CU FT
ENGINEERS STOREROOM NO. 2	740 CU FT
FREEZE ROOM	1,145 CU FT
PAINT LOCKER	350 CU FT
SCIENTIFIC STOREROOM	2,120 CU FT
STEWARDS STOREROOM NO. 1	790 CU FT
STEWARDS STOREROOM NO. 2	2,000 CU FT
STOREROOM	575 CU FT
THAW ROOM	275 CU FT

LEGEND

STEEL BHD

JOINER DIVISIONAL BHD

EXPANDED METAL BHD

PROPULSION MACHINERY/ELECTRICAL PLANT

QTY	
1	EMERGENCY GENERATOR: 250KW, 60HZ, 3Ø, 450V
2	MOTOR GENERATOR SETS: 200KW, 60HZ, 3Ø, 450V
4	CATERPILLAR D398 TA
4	MAIN GENERATORS 600KW, 60HZ, 3Ø, 600V
2	800 HP 750V DC MOTORS
	RATED HORSEPOWER: 1600
1	BOW THRUSTER: 550 HP
2	PROPELLERS: 96" DIA. 4 BLADE, FIXED PITCH

LIST OF SYMBOLS AND ABBREVIATIONS

⊠	MIDSHIP	⬭	MANHOLE
A	AUXILIARY	⬭	MANHOLE (OVER)
ABL	ABOVE BASE LINE	MED	MEDICAL
ABS	AMERICAN BUREAU OF SHIPPING	NT	NON–TIGHT
AP	AFTER PERPENDICULAR	OFCR	OFFICER
AT	AIRTIGHT	OT	OILTIGHT
BERP	BOLTED EQUIPMENT REMOVAL PATCH	PLATF	PLATFORM
BOT	BOTTOM	Q	WORKING
BTL	BOTTLE	QA	QUICK ACTING
C	COMMAND	QAWT	QUICK ACTING WATERTIGHT
CBR	CHEMICAL, BIOLOGICAL, & RADIOLOGICAL	RA	RAISED
CG	CLEANING GEAR	RAOT	RAISED AXIS OILTIGHT
CVK	CENTER VERTICAL KEEL	RAWT	RAISED AXIS WATERTIGHT
℄	CENTERLINE	▣ SC	SEACHEST
DC	DAMAGE CONTROL	SW	SEAWATER
DK	DECK	SCR	SEMICONDUCTOR CONTROLLED RECTIFIER
E	ENGINEERING	SLEMD	SLIDING EXPANDED METAL DOOR
☐	DRAINWELL	SR	STATEROOM
DF	DRINKING FOUNTAIN	STRM	STOREROOM
FD	FIRE DAMPER	TT	TANK TOP
⊖	FIRE EXTINGUISHER	T/SH	TOILET/SHOWER
⊞	FIRST AID KIT	XDRC	TRANSDUCER
FCSLE	FORECASTLE	XMFR	TRANSFORMER
FP	FORWARD PERPENDICULAR	TRTMT	TREATMENT
F	FUEL	TRK	TRUNK
FO	FUEL OIL	◪	TRUNK, UP & DOWN
FLDK	FLUSH DECK	V	VOID
FLMTT	FLAMETIGHT	I VL	VERTICAL LADDER
FT	FUMETIGHT	W	WATER
▦ GRTG	GRATING	WR/WC	WASHROOM/WATER CLOSET
HPU	HYDRAULIC POWER UNIT	WT	WATERTIGHT (BULKHEAD)
LBP	LENGTH BETWEEN PERPENDICULARS	WTRTT	WATERTIGHT (HATCH)
LOA	LENGTH OVER ALL	WEAT	WEATHERTIGHT
LWR	LOWER	WTSLD	WATERTIGHT SLIDING DOOR
LKR	LOCKER		
L	LIVING		

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS–830–002	–
SCALE: AS SHOWN		CAD FILENAME OS–830–002_2.dwg	SHT 2 OF 13

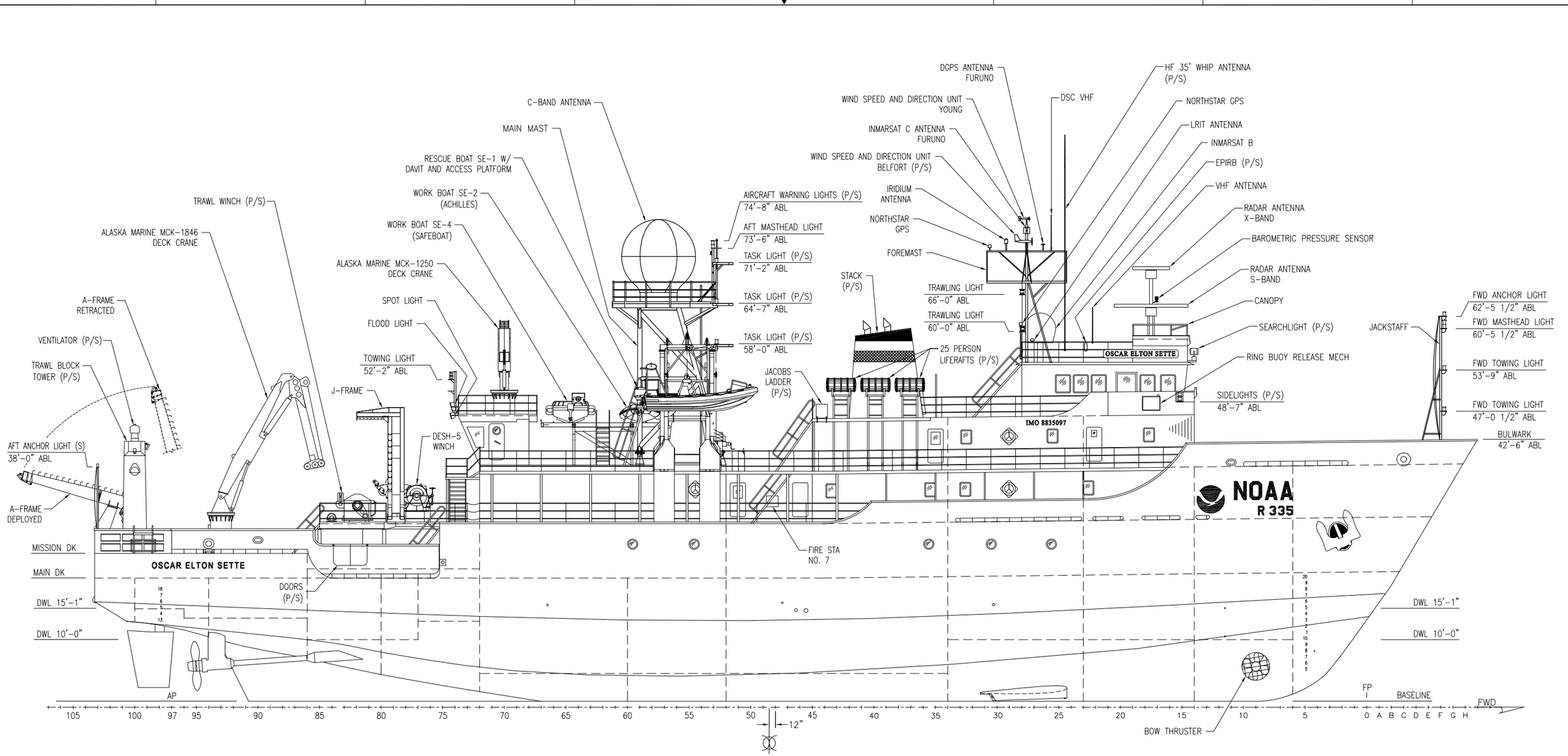
COMPARTMENT DIRECTORY

COMPARTMENT DESIGNATION	NO	DECK	FRAME
AFT STEERING CONTROL STATION	02-68-0-C	UPPER	68-74 CL
AFT PEAK BALLAST TANK	3-94-1-W	HOLD	94-103 S
AFT PEAK BALLAST TANK	3-94-2-W	HOLD	94-103 P
AIR CONDITIONING MACHINERY ROOM	2-23-2-Q	LWR PLATF	23-34 P
ANTI-ROLL DUMP TANK	4-40-0-W	INNER BOT	40-50 CL
ANTI-ROLL TANK	2-72-0-W	LWR PLATF	72-77 CL
BOATSWAIN'S STOREROOM	01-E-0-A	FCSLE	E-2 CL
BOATSWAIN'S STOREROOM	2-77-1-Q	LWR PLATF	77-86 P
BOW THRUSTER ELECTRIC MOTOR ROOM	2-6-0-Q	LWR PLATF	6-12 CL
CHAIN LOCKER	1-6-1-Q	MAIN	6-9 S
CHAIN LOCKER	1-6-2-Q	MAIN	6-9 P
CHIEF ENGINEER SR	02-14-2-L	UPPER	14-21 P
CHILL ROOM	1-14-1-A	MAIN	14-19 S
CLEANING GEAR LOCKER	02-42-2-A	UPPER	42-44 P
CLEANING GEAR LOCKER	01-47-2-A	FCSLE	47-50 P
CLEANING GEAR LOCKER	1-47-0-A	MAIN	47-50 CL
COMMANDING OFFICER SR	02-14-1-L	UPPER	14-21 S
COMPACTOR ROOM	1-37-3-A	MAIN	37-42 S
COMPUTER CENTER	01-59-0-Q	FCSLE	59-72 CL
CONFERENCE/SPARE BERTH ROOM	01-52-3-Q	FCSLE	52-66 S
CREW LOUNGE	1-34-0-L	MAIN	34-42 CL
CREW STATEROOM (1 MAN)	01-29-2-L	FCSLE	29-34 P
CREW STATEROOM (1 MAN)	1-23-2-L	MAIN	23-28 P
CREW STATEROOM (2 MAN)	01-14-2-L	FCSLE	14-19 P
CREW STATEROOM (2 MAN)	01-19-2-L	FCSLE	19-24 P
CREW STATEROOM (2 MAN)	01-24-2-L	FCSLE	24-29 P
CREW STATEROOM (2 MAN)	1-28-2-L	MAIN	28-34 P
CREW STATEROOM (2 MAN)	1-42-2-L	MAIN	42-47 P
CREW STATEROOM (2 MAN)	1-47-2-L	MAIN	47-52 P
DC LOCKER	1-61-0-A	MAIN	61-65 CL
DC LOCKER	02-42-6-A	UPPER	42-45 P
DECK GEAR LOCKER	01-45-3-A	FCSLE	45-47 S
DECK GEAR LOCKER	02-34-3-A	UPPER	34-37 S
DECK WR/WC	01-47-4-L	FCSLE	47-50 P
DEPTH FINDER XDCR TRUNK	4-32-1-T	INNER BOT	32-34 S
DESH-5, SCR/XFMR ROOM	1-69-2-Q	MAIN	69-72 P
DIVE LOCKER	1-72-1-A	MAIN	72-75 S
DRY PROVISIONS STOREROOM	1-6-3-A	MAIN	6-14 S
ELECTRONICS SHOP	01-52-1-Q	FCSLE	52-59 S
ELECTRONICS TECH SR (1 MAN)	01-14-3-L	FCSLE	14-20 S
EMERGENCY GENERATOR ROOM	01-6-0-E	FCSLE	6-12 CL
ENGINEER STOREROOM NO. 1	01-0-2-A	FCSLE	0-6 P
ENGINEER STOREROOM NO. 2	2-28-1-A	LWR PLATF	28-34 S
EXECUTIVE OFFICER SR	02-23-2-L	UPPER	23-29 P
EXERCISE ROOM	2-14-0-L	LWR PLATF	14-23 CL
FAN ROOM	02-34-1-Q	UPPER	34-39 S
FAN ROOM	1-34-2-Q	MAIN	34-42 P
FAN ROOM	1-67-3-Q	MAIN	67-72 S
FIRST ASSISTANT ENGINEER SR	02-27-3-L	UPPER	27-34 S
FOREPEAK BALLAST TANK	4-B-0-W	INNER BOT	B-6 CL
FOYER	01-2-0-L	FCSLE	2-6 CL
FREEZE ROOM	1-18-1-A	MAIN	18-23 S
FRESH WATER TANK	3 1/2-52-1-W	HOLD	52-60 S
FRESH WATER TANK	3 1/2-52-2-W	HOLD	52-60 P
FUEL OIL SERVICE TANK	4-52-3-F	INNER BOT	52-60 S
FUEL OIL SERVICE TANK	4-52-4-F	INNER BOT	52-60 P
FUEL OIL TANK	4-6-1-F	INNER BOT	6-14 S
FUEL OIL TANK	4-6-2-F	INNER BOT	6-14 P
FUEL OIL TANK	4-14-1-F	INNER BOT	14-23 S
FUEL OIL TANK	4-14-2-F	INNER BOT	14-23 P
FUEL OIL TANK	4-52-1-F	INNER BOT	52-60 S
FUEL OIL TANK	4-52-2-F	INNER BOT	52-60 P
FUEL OIL TANK	4-60-1-F	INNER BOT	60-72 S
FUEL OIL TANK	4-60-2-F	INNER BOT	60-72 P
FUEL OIL TANK	4-72-1-F	HOLD	72-86 S
FUEL OIL TANK	4-72-2-F	HOLD	72-86 P
FUEL OIL TANK	4-72-3-F	INNER BOT	72-86 S
FUEL OIL TANK	4-72-4-F	INNER BOT	72-86 P
GALLEY	1-42-0-Q	MAIN	42-52 CL
GENERAL LINEN LOCKER	1-67-2-A	MAIN	67-70 P
GENERAL WORKSHOP	1-62-0-Q	MAIN	62-67 CL
HALON BOTTLE ROOM	1-37-2-Q	MAIN	37-42 P
HPU ROOM	2-77-2-Q	LWR PLATF	77-86 P
HYDRAULIC FLUID LEAKAGE TANK	2-92-2-F	LWR PLATF	92-94 P
HYDRO/CHEM LAB	01-66-2-Q	FCSLE	66-72 P
JUNIOR OFFICER SR (2 MAN)	02-34-2-L	UPPER	34-39 P
LAUNDRY ROOM	2-23-3-Q	LWR PLATF	23-31 S
LONG LINE HPU ROOM	1-67-4-Q	MAIN	67-69 P
LUBE OIL SETTLING TANK	3-54-2-F	HOLD	54-57 P
LUBE OIL TANK	2-60-1-F	LWR PLATF	60-63 S
LUBE OIL TANK	2-60-2-F	LWR PLATF	60-63 P

COMPARTMENT DIRECTORY

COMPARTMENT DESIGNATION	NO	DECK	FRAME
MAIN CONTROL STATION	2-52-0-E	LWR PLATF	52-60 CL
MAIN GENERATOR ROOM & UPTAKE SPACES	3-34-0-E	HOLD	34-52 CL
MEDICAL OFFICER SR (1 MAN)	1-23-3-L	MAIN	23-30 S
MEDICAL TREATMENT ROOM	1-29-0-L	MAIN	29-34 CL
MESS	1-52-0-L	MAIN	52-62 CL
MSD DISCHARGE HOLDING TANK	2-20-0-W	LWR PLATF	20-23-CL
OIL SPILL CONTAINMENT LOCKER	02-42-4-A	UPPER	42-44 P
OILY WASTE TANK	4-60-3-F	INNER BOT	60-63 S
OILY WASTE TANK	4-60-4-F	INNER BOT	60-63 P
OPERATIONS OFFICER SR	02-28-2-L	UPPER	28-34 P
PAINT LOCKER	1-65-2-Q	MAIN	65-68 P
PASSAGE	02-21-0-L	UPPER	21-44 CL
PASSAGE	02-23-1-L	UPPER	23-30 S
PASSAGE	01-10-0-L	FCSLE	10-52 CL
PASSAGE	01-47-1-L	FCSLE	47-52 S
PASSAGE	01-52-0-L	FCSLE	52-59 CL
PASSAGE	1-9-0-L	MAIN	9-52 CL
PASSAGE	1-45-1-L	MAIN	45-52 S
PASSAGE	1-52-2-L	MAIN	52-72 P
PASSAGE	1-67-1-L	MAIN	67-72 S
PASSAGE	1-72-2-L	MAIN	72-75 P
PASSAGE	1-75-1-L	MAIN	75-80 S
PASSAGE	2-23-1-L	LWR PLATF	23-31-S
PILOT HOUSE	03-15-0-C	BRIDGE	15-28 CL
PROPULSION MOTOR ROOM	3-60-0-E	HOLD	60-72 CL
RECREATION ROOM	1-14-2-L	MAIN	14-23 P
SANITARY SPACE	01-66-1-Q	FCSLE	66-72 S
SEAWATER BALLAST TANK	4-23-0-W	INNER BOT	23-34 CL
SEAWATER BALLAST TANK	4-23-2-W	INNER BOT	23-34 P
SEAWATER BALLAST TANK	4-23-3-W	INNER BOT	23-34 S
SEAWATER BALLAST TANK	4-52-0-W	INNER BOT	52-60 CL
SEAWATER BALLAST TANK	4-60-0-W	INNER BOT	60-72 CL
SEAWATER BALLAST TANK	4-86-1-W	HOLD	86-94 S
SEAWATER BALLAST TANK	4-86-2-W	HOLD	86-94 P
SECOND ASSISTANT ENGINEER SR	02-39-1-L	UPPER	39-45 S
SERVER ROOM	01-59-2-Q	FCSLE	59-66 P
SEWAGE MACHINERY ROOM	2-28-3-Q	LWR PLATF	28-34 S
SHIP'S OFFICE	02-23-1-Q	UPPER	23-27 S
SHIP'S STORE	1-6-4-Q	MAIN	6-14 P
SLUDGE TANK	3-50-2-F	HOLD	50-51 P
SPEED LOG & XDCR TRUNK	4-23-1-T	INNER BOT	23-25 S
STEERING GEAR ROOM	2-94-0-Q	LWR PLATF	94-100 CL
STEWARD'S STOREROOM NO. 1	01-2-1-A	FCSLE	2-6 S
STEWARD'S STOREROOM NO. 2	1-E-0-A	MAIN	E-6 CL
TECH STATEROOM (1 MAN)	01-20-1-L	FCSLE	20-26 S
TECH STATEROOM (2 MAN)	01-34-1-L	FCSLE	34-39 S
TECH STATEROOM (2 MAN)	01-34-2-L	FCSLE	34-39 P
TECH STATEROOM (2 MAN)	01-39-1-L	FCSLE	39-45 S
TECH STATEROOM (2 MAN)	01-42-2-L	FCSLE	42-47 P
TECH STATEROOM (4 MAN)	01-28-1-L	FCSLE	28-34 S
THAW ROOM	1-17-1-A	MAIN	17-20 S
TUNNEL	3-72-1-L	HOLD	72-94 S
T/SH	02-18-1-L	UPPER	18-21 S
T/SH	02-18-2-L	UPPER	18-21 P
T/SH	02-26-2-L	UPPER	26-29 P
T/SH	02-27-1-L	UPPER	27-30 S
T/SH	02-29-2-L	UPPER	29-32 P
T/SH	02-39-2-L	UPPER	39-42 P
T/SH	02-41-1-L	UPPER	41-45 S
T/SH	01-14-1-L	FCSLE	14-17 S
T/SH	01-18-2-L	FCSLE	18-21 P
T/SH	01-25-1-L	FCSLE	25-28 S
T/SH	01-25-3-L	FCSLE	25-28 S
T/SH	01-28-2-L	FCSLE	28-31 P
T/SH	01-38-1-L	FCSLE	38-41 S
T/SH	01-39-2-L	FCSLE	39-42 P
T/SH	1-23-1-L	MAIN	23-26 S
T/SH	1-27-2-L	MAIN	27-30 P
T/SH	1-31-1-L	MAIN	31-34 S
T/SH	1-45-2-L	MAIN	45-49 P
UNASSIGNED SP	01-21-1-A	FCSLE	21-23 S
VENT TRUNK	01-39-4-T	FCSLE	39-42 P
VOID	1-86-01-V	MAIN	86-103 CL
VOID	3-52-0-V	HOLD	52-60 CL
VOID	4-34-0-V	INNER BOT	34-40 CL
VOID	4-34-01-V	INNER BOT	34-52 P/S
WASTE WATER TANK	3-23-1-W	HOLD	23-25 S
WET LAB	1-75-0-Q	MAIN	75-82 CL
WR/WC	03-26-1-L	BRIDGE	26-28 S

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN	CAD FILENAME OS-830-002_3.dwg	SHT 3 OF 13	



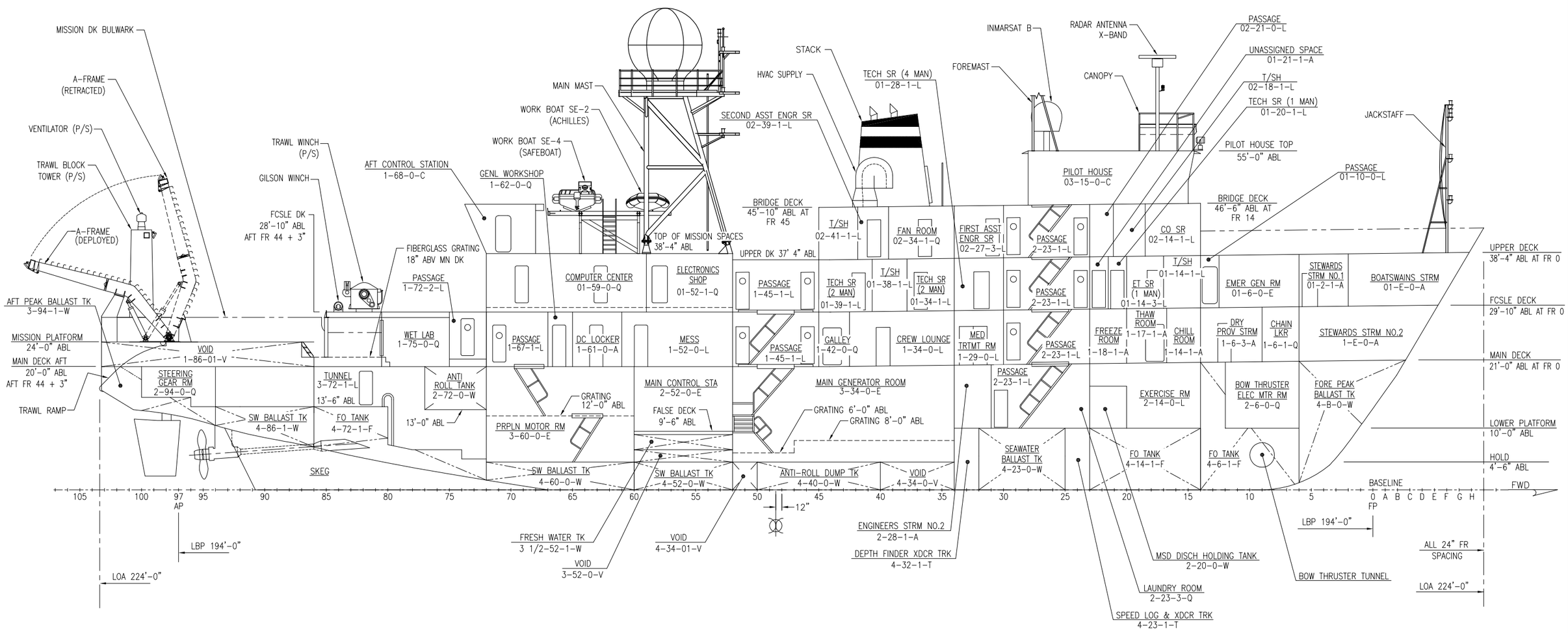
OUTBOARD PROFILE

SCALE: 1/8"=1'-0"

0 2' 4' 6' 8' 12' 16' 24'

SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_4.dwg	SHT 4 OF 13



INBOARD PROFILE

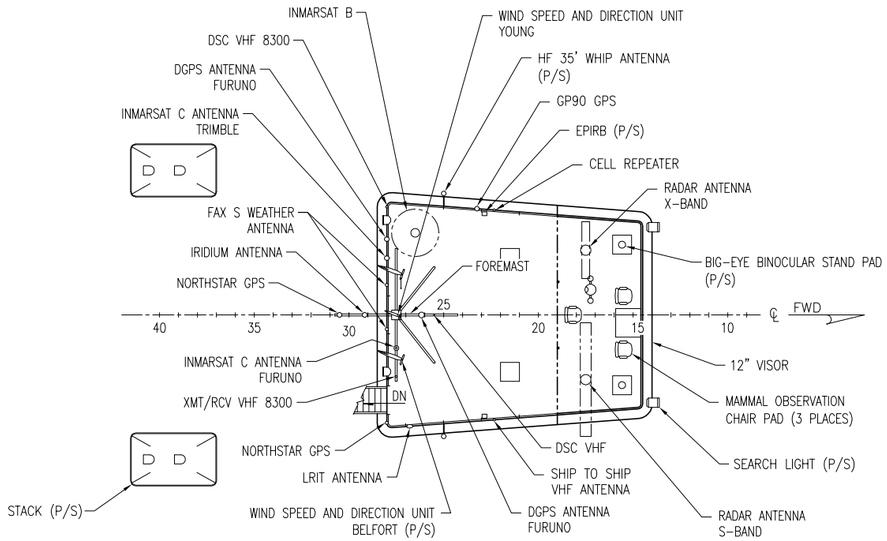
42" STBD OF CL LOOKING TO PORT
SCALE: 1/8"=1'-0"

NOTE:

UPPER, FCSLE AND MAIN DK DIMENSIONS ABL INCLUDE 12" OF SHEER THAT COMMENCES 3" AFT OF FR 44.

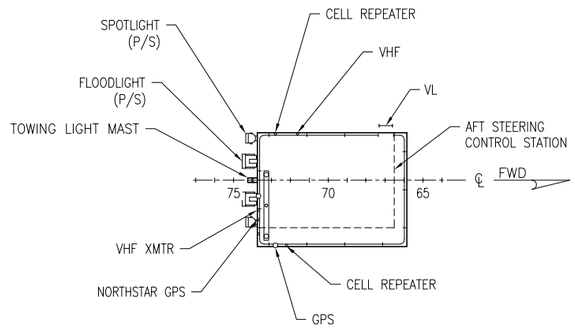
0 2' 4' 6' 8' 12' 16' 24'
SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_5.dwg	SHT 5 OF 13



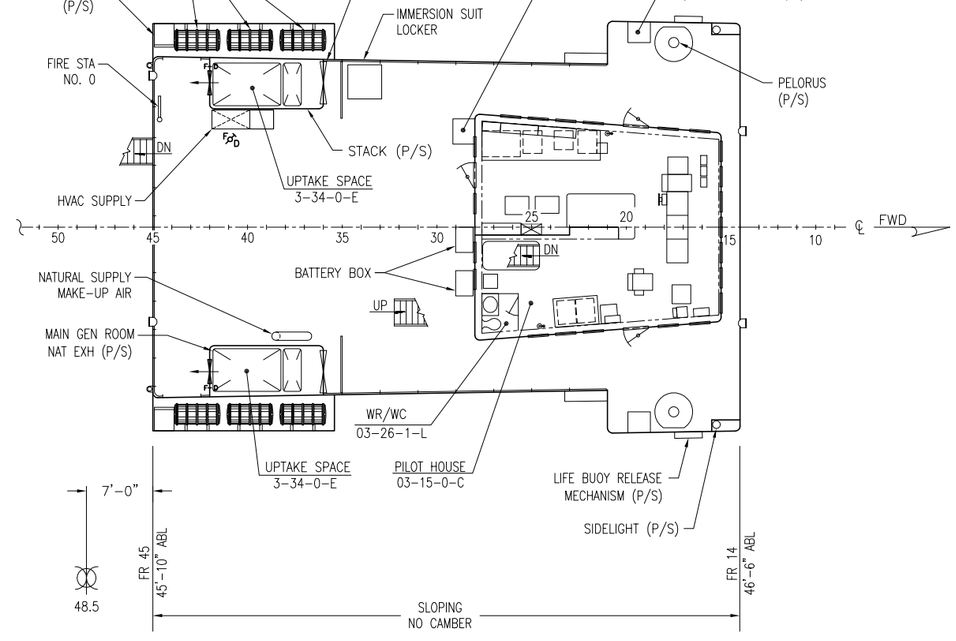
PILOT HOUSE TOP

55'-0" ABL
SCALE: 1/8"=1'-0"



TOP OF AFT STEERING CONTROL STATION

46'-6" ABL
SCALE: 1/8"=1'-0"

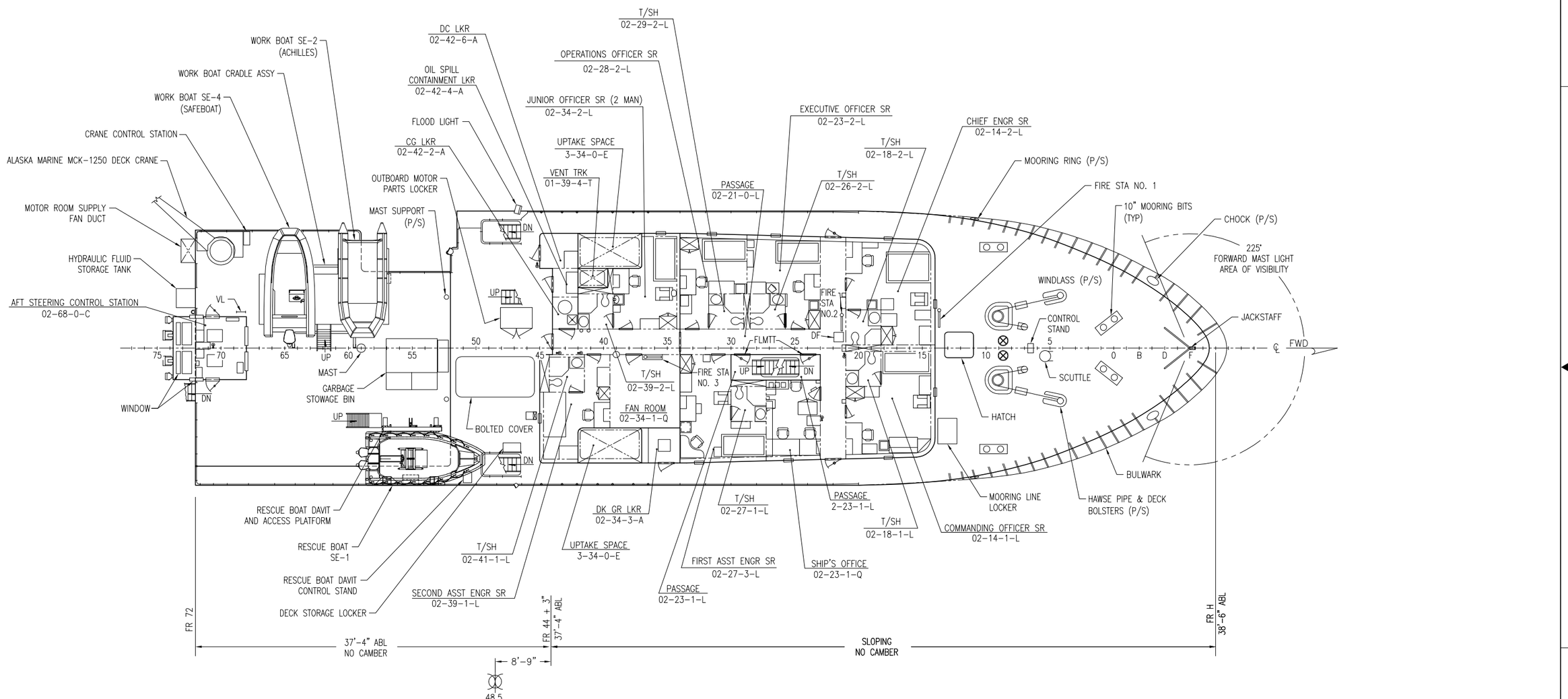


BRIDGE DECK

46'-6" ABL
SCALE: 1/8"=1'-0"

0 2' 4' 6' 8' 12' 16' 24'
SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN	CAD FILENAME OS-830-002_6.dwg	SHT 6 OF 13	

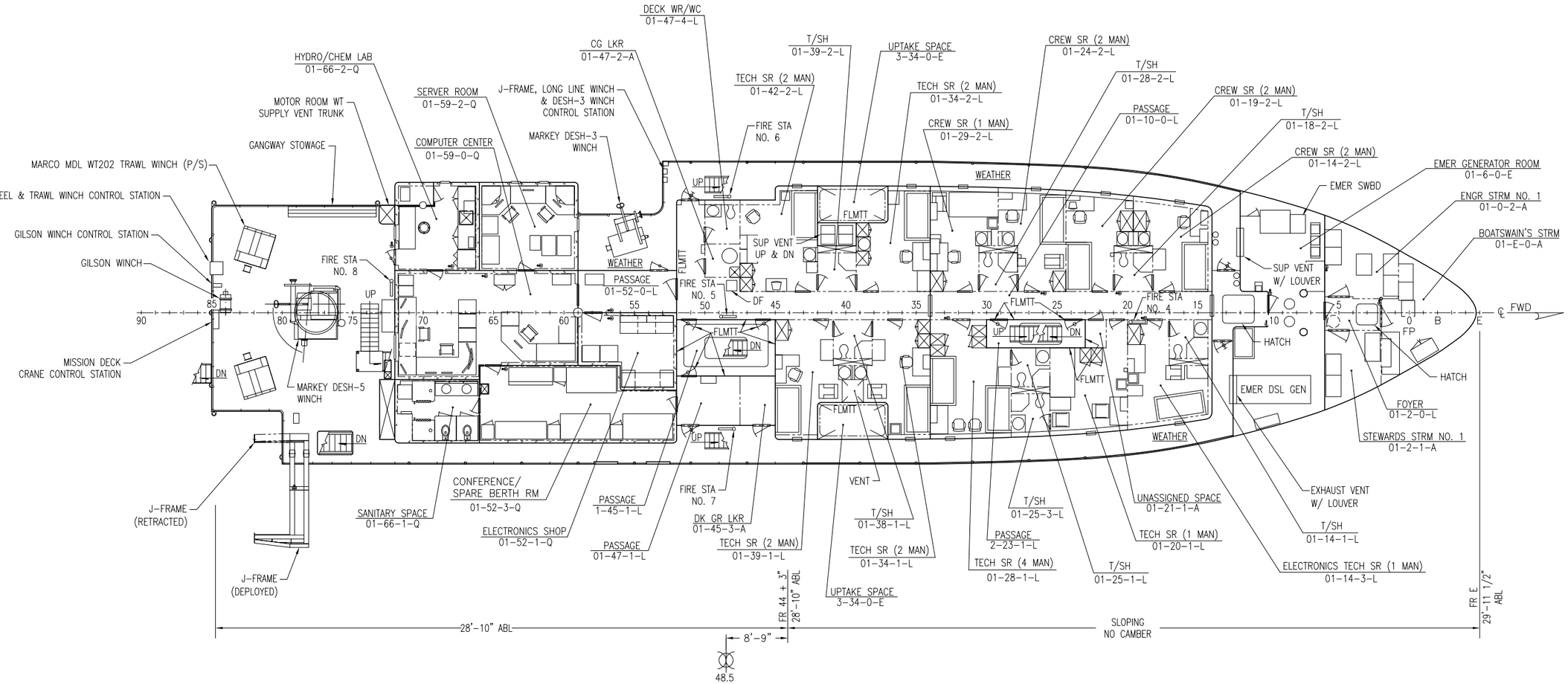


UPPER DECK

38'-4" ABL
SCALE: 1/8"=1'-0"

0 2' 4' 6' 8' 12' 16' 24'
SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_7.dwg	SHT 7 OF 13

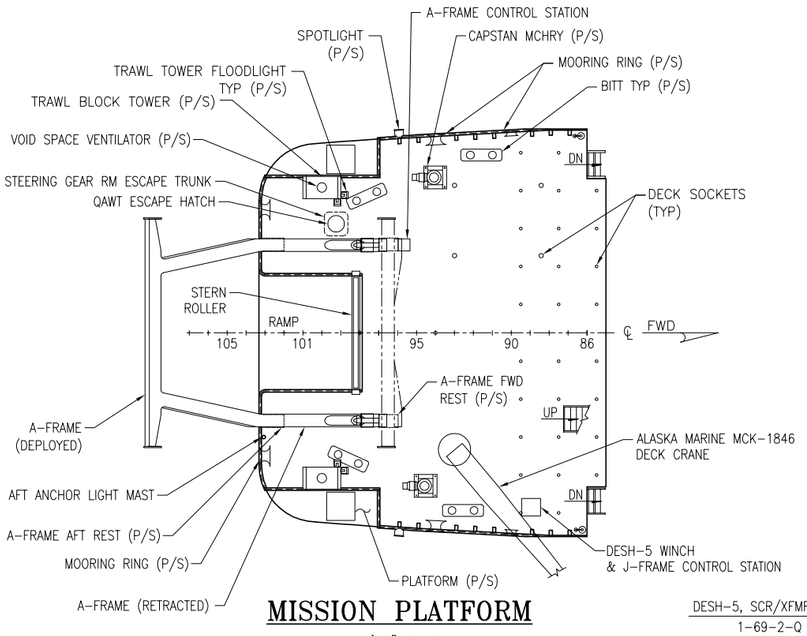


FORECASTLE DECK

29'-10" ABL
SCALE: 1/8"=1'-0"

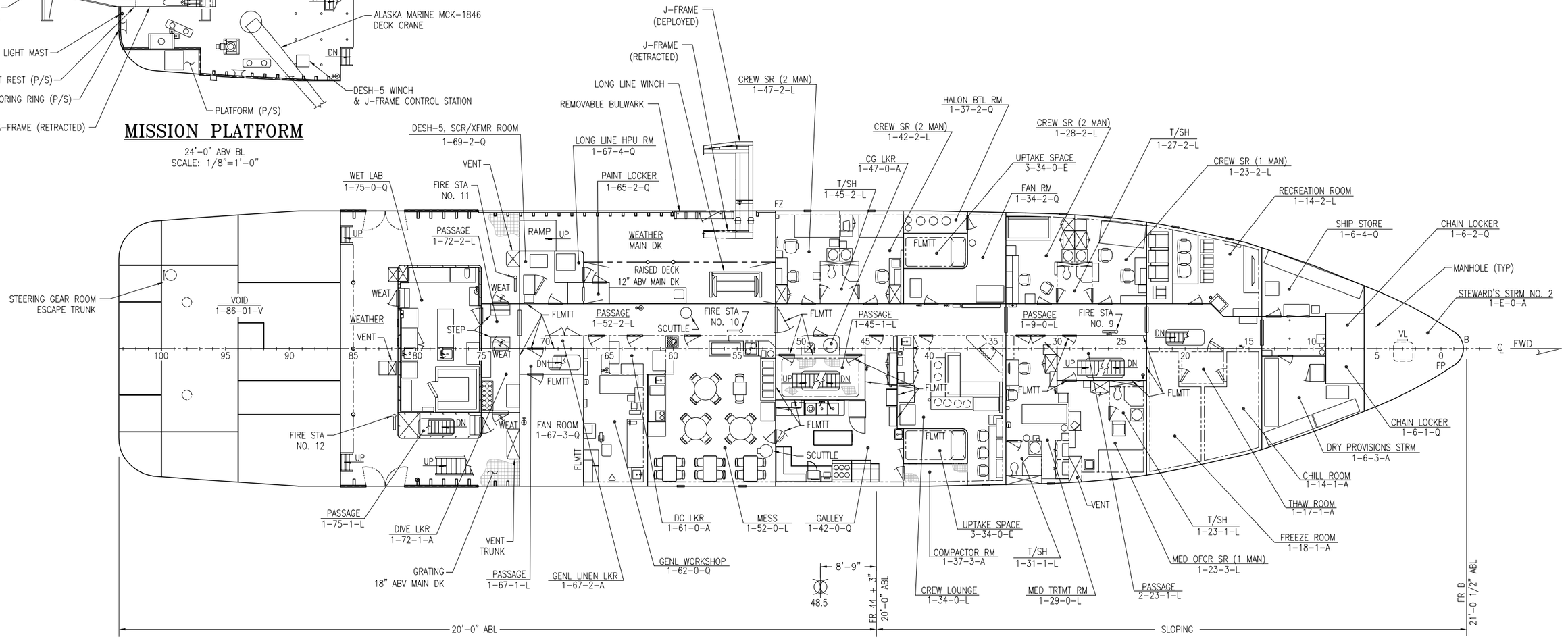
0 2' 4' 6' 8' 12' 16' 24'
SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_8.dwg	SHT 8 OF 13



MISSION PLATFORM

24'-0" ABV BL
SCALE: 1/8"=1'-0"

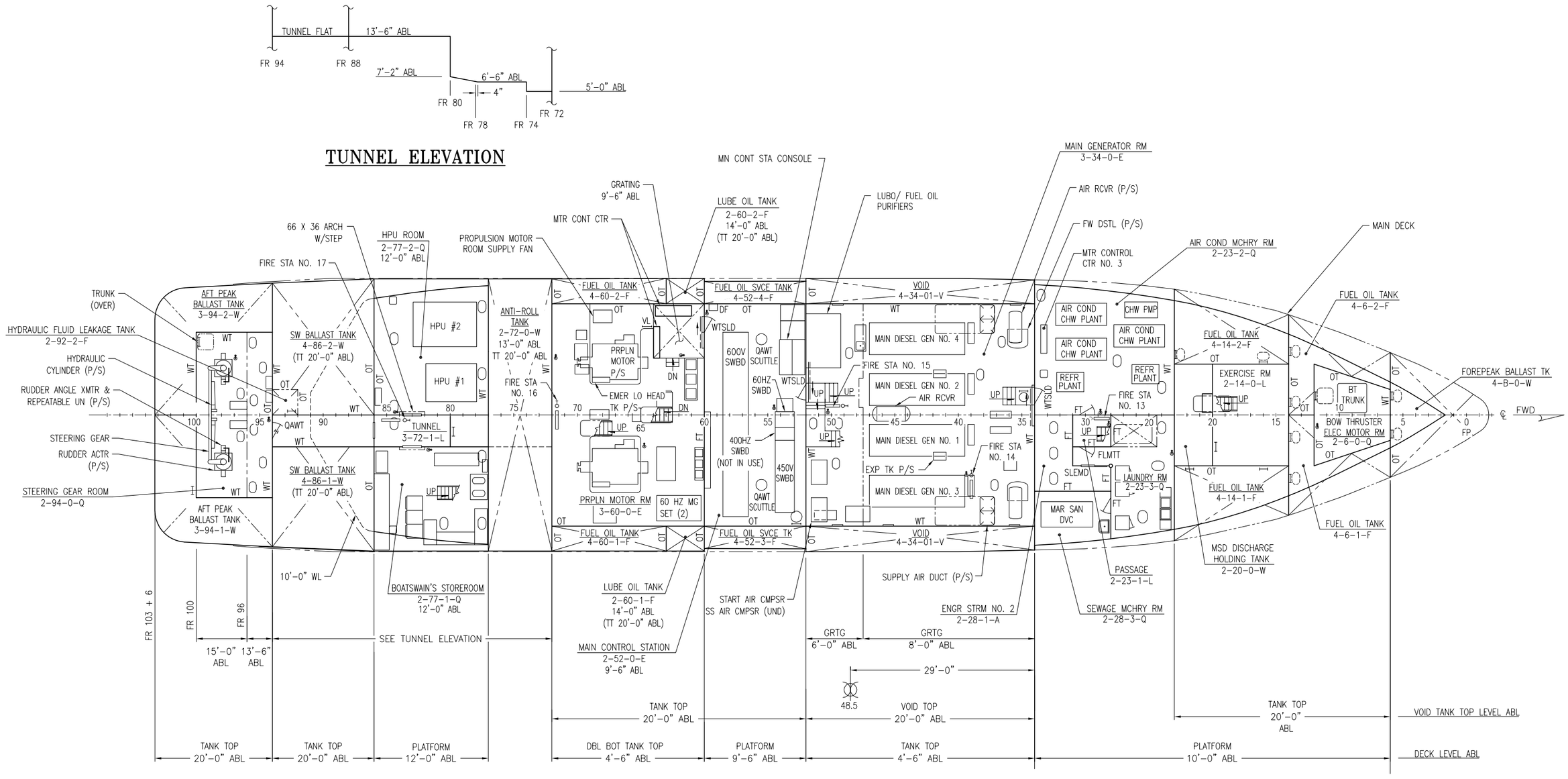


MAIN DECK

21'-0" ABL
SCALE: 1/8"=1'-0"

0 2' 4' 6' 8' 12' 16' 24'
SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_9.dwg	SHT 9 OF 13



LOWER PLATFORM

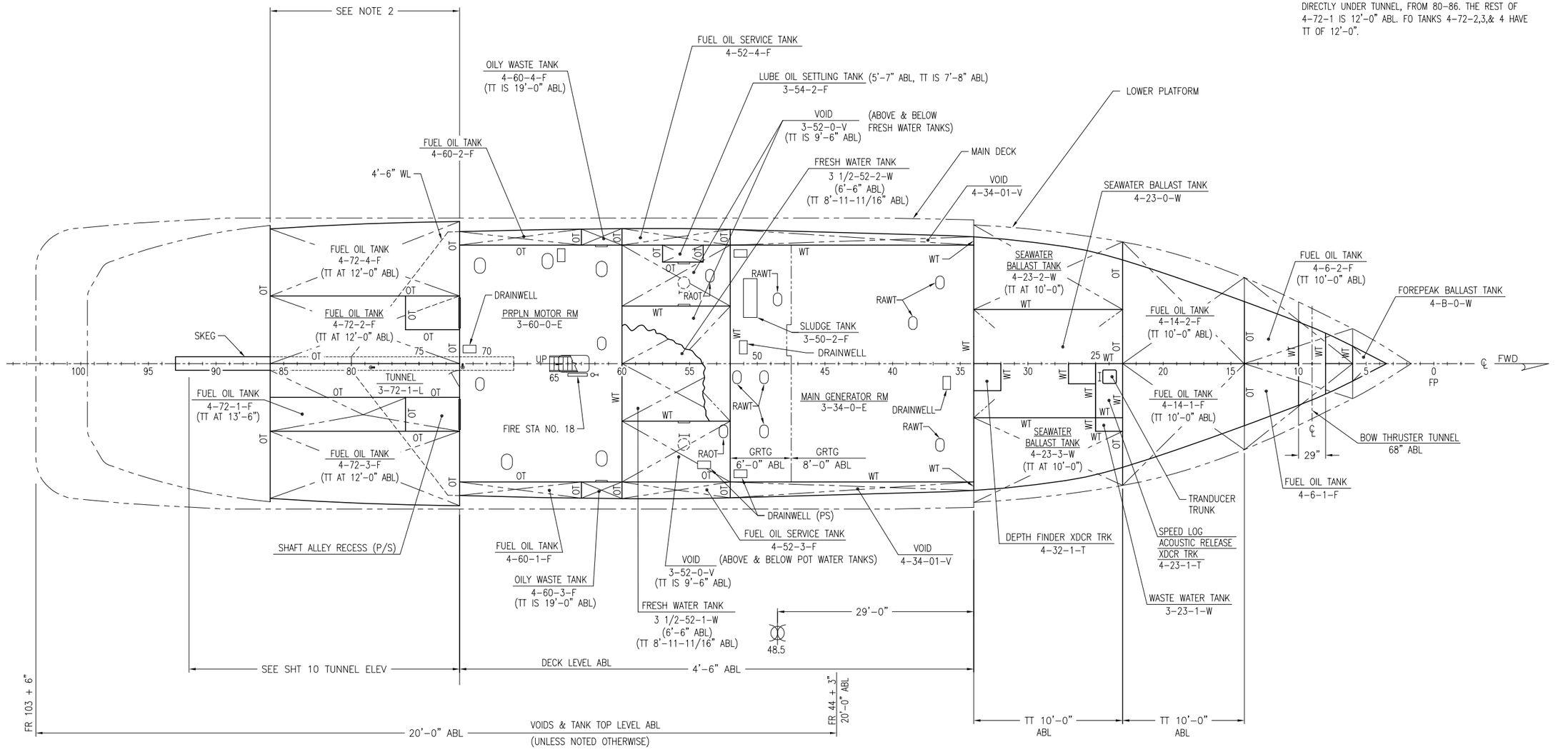
10'-0" ABL
SCALE: 1/8"=1'-0"

SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN	CAD FILENAME OS-830-002_10.dwg	SHT 10 OF 13	

NOTES:

1. FOREPEAK BALLAST TANK, FO TANKS 4-6-1, 4-6-2, 4-14-1, 4-14-2, VOID TANK 4-34-0, BALLAST TANKS 4-86-1, 4-86-2, BALLAST TANKS 4-94-1, 4-94-2 TANK TOPS ARE AT MAIN DECK.
2. TT FOR FO 4-72-1 IS 13'-6" ONLY AT LOCATION DIRECTLY UNDER TUNNEL, FROM 80-86. THE REST OF 4-72-1 IS 12'-0" ABL. FO TANKS 4-72-2,3,& 4 HAVE TT OF 12'-0".

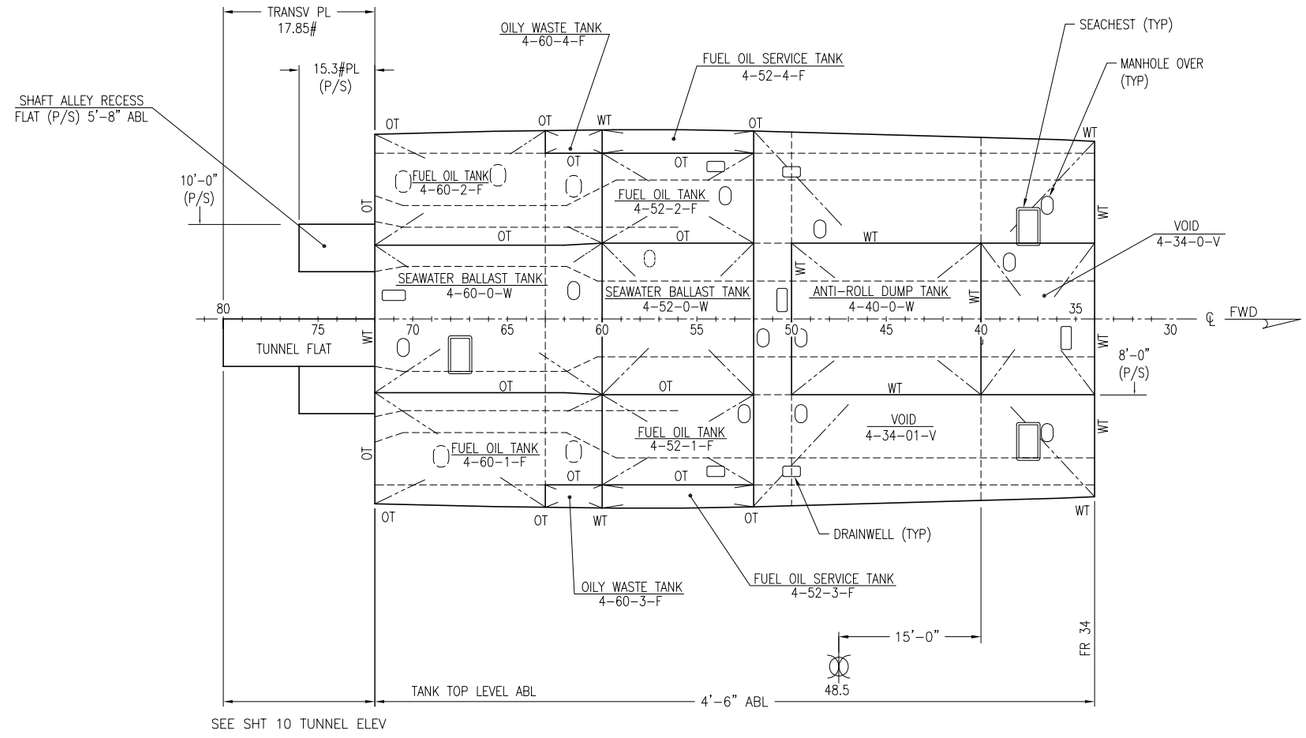


HOLD PLAN

4'-6" ABL
SCALE: 1/8"=1'-0"

0 2' 4' 6' 8' 12' 16' 24'
SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_11.dwg	SHT 11 OF 13



SEE SHT 10 TUNNEL ELEV

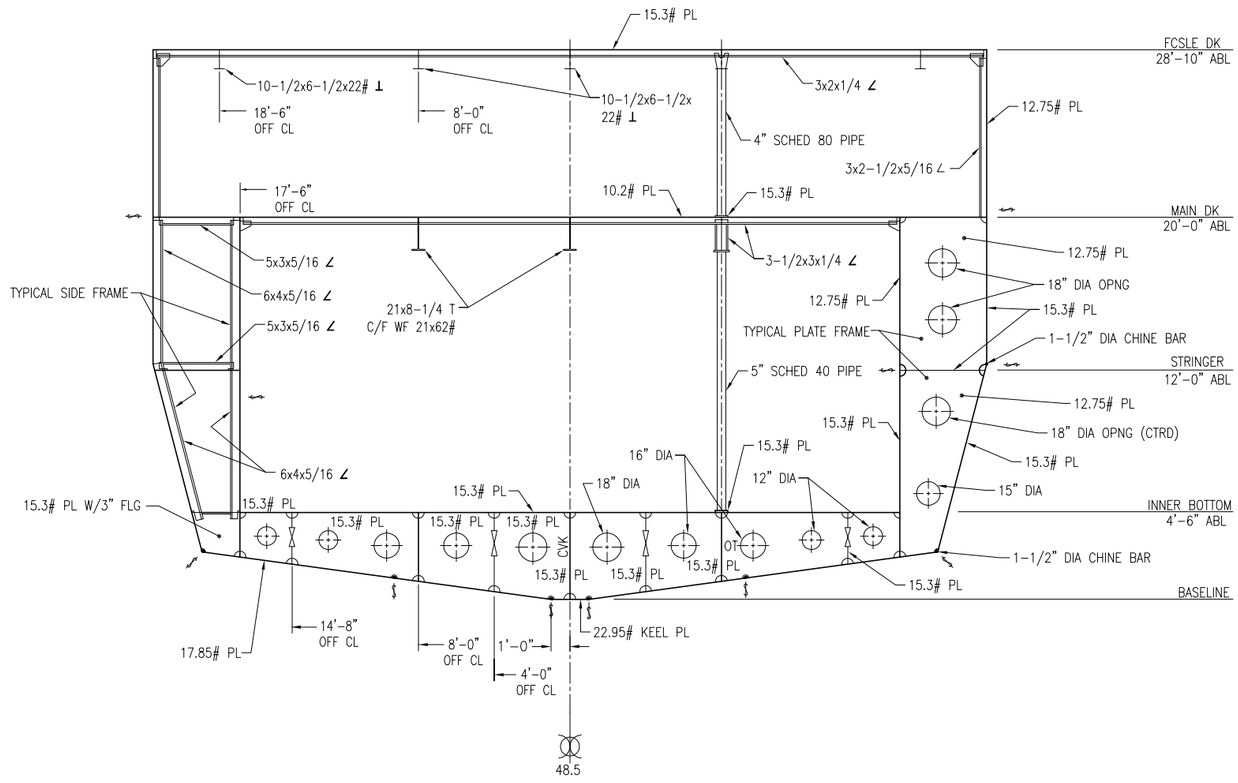
INNER BOTTOM

SCALE: 1/8"=1'-0"

0 2' 4' 6' 8' 12' 16' 24'

SCALE: 1/8" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_12.dwg	SHT 12 OF 13



TYPICAL MIDSHIP SECTION

FR 48 1/2
SCALE: 1/4"=1'-0"

0 1' 2' 3' 4' 6' 8' 12'
SCALE: 1/4" = 1'-0"

SIZE	CAGE CODE	NOAA DRAWING NUMBER	REV
D	0YLJ5	OS-830-002	–
SCALE: AS SHOWN		CAD FILENAME OS-830-002_13.dwg	SHT 13 OF 13